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Group Art Unit: 2871

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Takaiki NOMURA et al.

Serial No.: 09/830,414

Filed: April 27, 2001

For: LIQUID CRYSTAL DISPLAY PANEL AND METHOD FOR MANUFACTURING THE

SAME

## INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents Washington, D.C. 20231

Sir:

Pursuant to 37 C.F.R. §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached Form PTO-1449. Copies of each of the references listed on Form PTO-1449 are attached.

JP '506, JP '135, JP '832, JP '970, JP '835, JP '827, WO '617, JP '311, JP '924 and EP '185 are discussed in the International Search Report bearing a mailing date of December 26, 2000 which was filed with the present application on April 27, 2001.

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The above information is presented so that the Patent and Trademark Office may, in the first instance, determine any materiality thereof to the claimed invention. See 37 C.F.R. 1.104(a) and 1.106(b) concerning the PTO duty to consider and use any such information. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that these references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

Respectfully submitted,

PARKHURST & WENDEL,

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Date

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| Sheet 1 of 2                                                                                      |                    |            |                                    |       |     |               |                               |   |
|---------------------------------------------------------------------------------------------------|--------------------|------------|------------------------------------|-------|-----|---------------|-------------------------------|---|
| FORM PTO 1449 (modified)                                                                          |                    |            | ATTY DOCKET NO. SERIA 09/830       |       |     |               |                               |   |
| U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK ON FICE LIST OF REFERENCES CITED BY APPLICANT(S) |                    |            | APPLICANT<br>Takaiki NOMURA et al. |       |     |               |                               |   |
| ( MAR 0 6 2002 H)                                                                                 |                    |            | FILING DATE<br>April 27, 2001      |       |     | GROUP<br>2871 |                               |   |
|                                                                                                   | E                  | at S       | U.S. PATENT DOCUMENTS              |       |     |               |                               |   |
| *EXAMINER<br>INITIAL                                                                              | DOCUMENT<br>NUMBER | DATE       | NAME                               | CLASS |     | SUBCLASS      | FILING DATE IF<br>APPROPRIATE |   |
|                                                                                                   |                    |            |                                    |       |     |               |                               |   |
|                                                                                                   |                    |            |                                    |       |     |               |                               |   |
| FOREIGN PATENT DOCUMENTS                                                                          |                    |            |                                    |       |     |               |                               |   |
|                                                                                                   | DOCUMENT<br>NUMBER | DATE       | COUNTRY                            | CD    | ASS | SUBCLASS      | TRANSLATION<br>NO YES         |   |
|                                                                                                   | 10-282506          | 10/23/1998 | Japan                              |       |     |               |                               | х |
|                                                                                                   | 10-161135          | 08/13/1993 | Japan                              | :1    |     |               |                               | х |
|                                                                                                   | 09-61832           | 03/07/1997 | Japan                              |       |     |               |                               | х |
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|                                                                                                   | 05-142508          | 06/11/1993 | Japan                              |       |     |               |                               | х |
|                                                                                                   | WO98/54617         | 12/03/1998 | WIPO                               |       |     |               |                               | х |
|                                                                                                   | EP 0 740 185 A2    | 10/30/1996 | EPO                                |       |     |               |                               |   |
| OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)                          |                    |            |                                    |       |     |               |                               |   |
|                                                                                                   |                    |            |                                    |       |     |               |                               |   |
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| EXAMINER DATE CONSIDERED                                                                          |                    |            |                                    |       |     |               |                               |   |

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.